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(FILE 'HOME' ENTERED AT 09:01:51 ON 30 DEC 2003)

FILE 'GENBANK' ENTERED AT 09:02:06 ON 30 DEC 2003

L1 4 S AC004168

FILE 'MEDLINE, BIOTECHDS, EMBASE, BIOSIS, SCISEARCH, CANCERLIT' ENTERED  
AT 09:06:27 ON 30 DEC 2003

L2 14548 S SUN Y?/AU OR RECIPON H?/AU OR SALCEDA S?/AU OR TURNER L?/AU

L3 11 S L2 AND BREAST SPECIFIC NUCLEIC ACID

L4 11 DUP REM L3 (0 DUPLICATES REMOVED)

=>

LOCUS (LOC): AC004168 GenBank (R)  
 GenBank ACC. NO. (GBN): AC004168  
 GenBank VERSION (VER): AC004168.2 GI:4454440  
 CAS REGISTRY NO. (RN): 204631-36-7  
 SEQUENCE LENGTH (SQL): 185566  
 MOLECULE TYPE (CI): DNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 19 Mar 1999  
 DEFINITION (DEF): Homo sapiens chromosome 4 clone B159L21 map 4q25,  
 complete sequence.  
 SOURCE:  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
 Hominidae; Homo

NUCLEIC ACID COUNT (NA): 61546 a 34961 c 32211 g 56848 t

## COMMENT:

On Mar 19, 1999 this sequence version replaced gi:3603082.

Quality: Phrap Quality >=40 100.0% of Sequence;

Estimated Total Number of Errors is 0.0.

STS Content:

SHGC-50970 G33969

SHGC-23829 G28472

WI-30731 G23237

SHGC-23845 G28477

SHGC-23843 G28476

SHGC-50971 G34439.

REFERENCE: 1 (bases 1 to 185566)  
 AUTHOR (AU): Stone,N.E.; Schmutz,J.J.; Shang,J.; Cox,D.R.;  
 Myers,R.M.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Unpublished  
 REFERENCE: 2 (bases 1 to 185566)  
 AUTHOR (AU): Stone,N.E.; Schmutz,J.J.; Cox,D.R.; Myers,R.M.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (23-FEB-1998) Department of Genetics,  
 Stanford Human Genome Center, 855 California Avenue,  
 Palo Alto, CA 94304, USA  
 REFERENCE: 3 (bases 1 to 185566)  
 AUTHOR (AU): Stone,N.E.; Schmutz,J.J.; Shang,J.; Cox,D.R.;  
 Myers,R.M.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (19-MAR-1999) Department of Genetics,  
 Stanford Human Genome Center, 4005 Miranda Avenue, Palo  
 Alto, CA 94304, USA

## FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..185566	/organism="Homo sapiens" /db-xref="taxon:9606" /chromosome="4" /map="4q25" /clone="B159L21" /clone-lib="Caltech/Research Genetics Whole-Genome BAC Library"

## SEQUENCE (SEQ):

1 aagcttaaca tgaaaatgaa caatctaata aaaaaatgga tgaaaaacct gaagagatac  
 61 ctcaccatag aagaatgcag atggtaagcg agcatatgag atgatgttaa tcattgtatg  
 121 tcattaggaa atttcaaatt gtaacaatgg aatatcacta cacacctatt aaaaaggcca